

Figure 1

1 mrpsgtagaallallaalcpasraleekkvcgtsnklqlgtfedhflslqrmfnncev
61 vlgneityvqrnydlsflkti qevagyvliantveriplenlqiirgnmyyensyala
121 vlsnydaNktglkelpmrnlqeilhgavrsnnpalcnvesiqwrdivssdfslnmsmdf
181 qnhlgscqkcdpscp**Ng**scwgageencqkltkiicaqqcsgrcrgkspsdccnqcaagc
241 tgpresdclvcrkfrdeatckdtcplmlynpttyqmdvnpegkysfgatcvkkcprnyv
301 vtdhgscvracgadsyemeedgvrkckkcegpckrvkcngigigefkdsli**Nat**nikhfk
361 **N**ctsisgdilhlpvafrgdsfthtppldpqeldilktvkeitgflliqawpe**Nrtd**lhaf
421 enleiirgrtkqhggqfslavvs**IN**itslglrlskeisdgdviisgnknlcyantinvkkl
481 fgtsgqtkiisnrgensckatgvchalcspegcwgpeprdcvscr**Nvsrg**recvdken
541 llegeprefvenseciqchpeclpqam**Nitctgrgpdnci**cahyidgphcvktcpagvm
601 ge**Nnt**lvwkyadaghvchlchp**Ncty**gctgpglegcptngpkipsiatgmvgalllllv
661 aligifmrrrhivkrtrllqerelveptpsgeapnqallrilketefkkikvlgs
721 gafgtvykglwipegkvkipvaikelreatspkankeildeayvmasvdnphvcrlgi
781 cltstvqlitqlmpfgclldyvrehkdnigsqyllnwcvqiakgmnyledrrlvhrdlaa
841 rrvlvktpqhvkidfglakllgaekeyhaeggkvpikwmalesilhriythqsdvwsy
901 gvtvwelmtfgskpydgipaseissilekgerlpappictidvymimvkcwmidadsrpk
961 freliiefskmardpqrylvigqdermhpsptdsnfyralmdeedmdvdadeyilipq
1021 qgffsspstrtllsslsatsnnstvacidrnglqscpikedsflqrysdsptgalted
1081 siddtflpvpeyinqsvpkpagsvqnpvyhnqplnpapsrdphyqdpbstavgnpeyln
1141 tvqptcvnstfdspahwaqkgshqisldnpdyqqdffpkeakpngifkgstaenaeylrv
1201 apqssefiga

Figure 2

Amino Acid Sequence Number

Peptide Sequence

126 through 131

da**N**ktg

126 through 133

da**N**k**T**glk

411 through 416

pe**N**rtd

411 through 418

pe**N**r**T**dlh

467 through 471

r**N**vsr

467 through 473

r**N**v**S**rgr

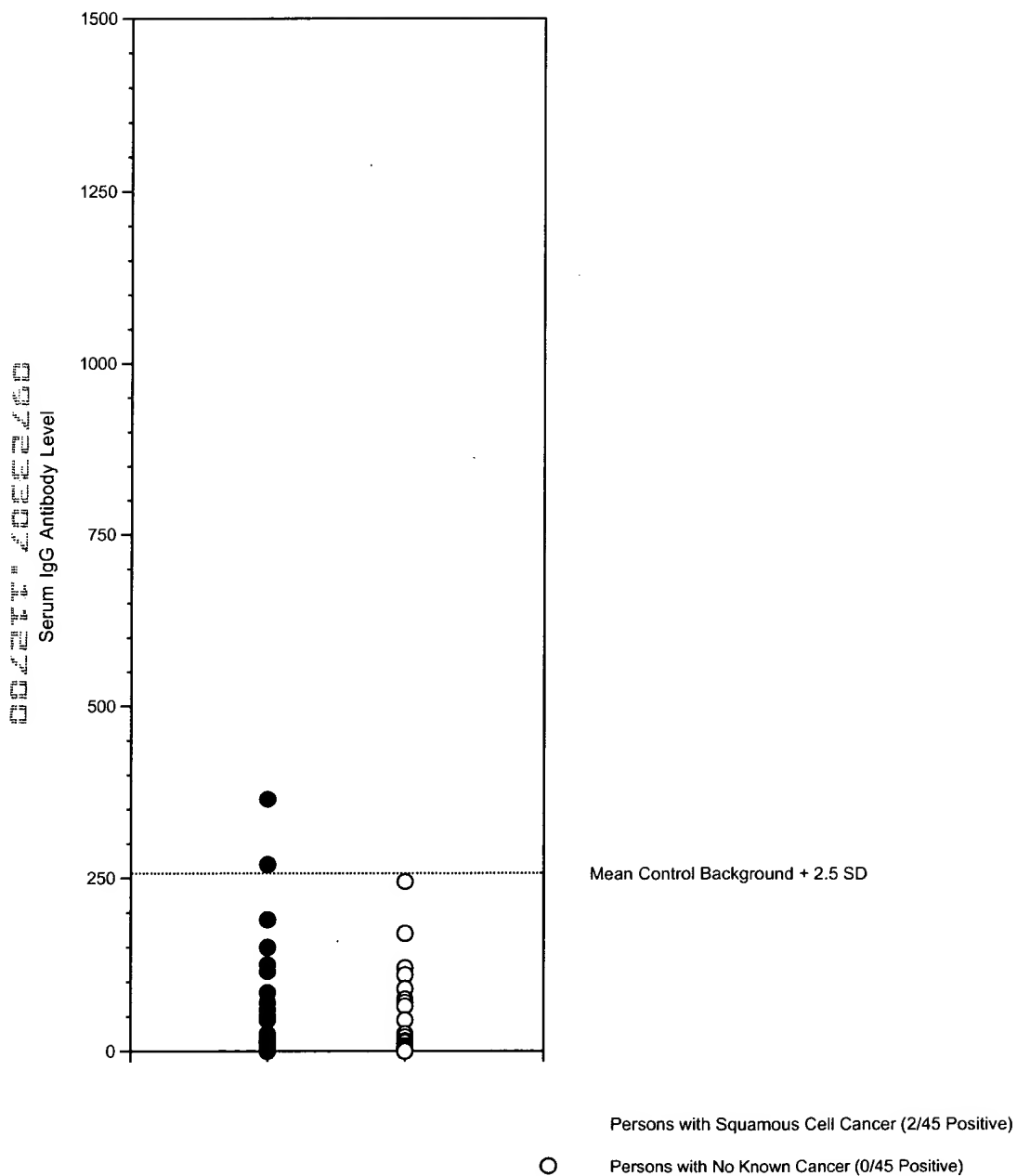


Figure 3b: Screening Result Using EGFR Peptide rNvSrgr

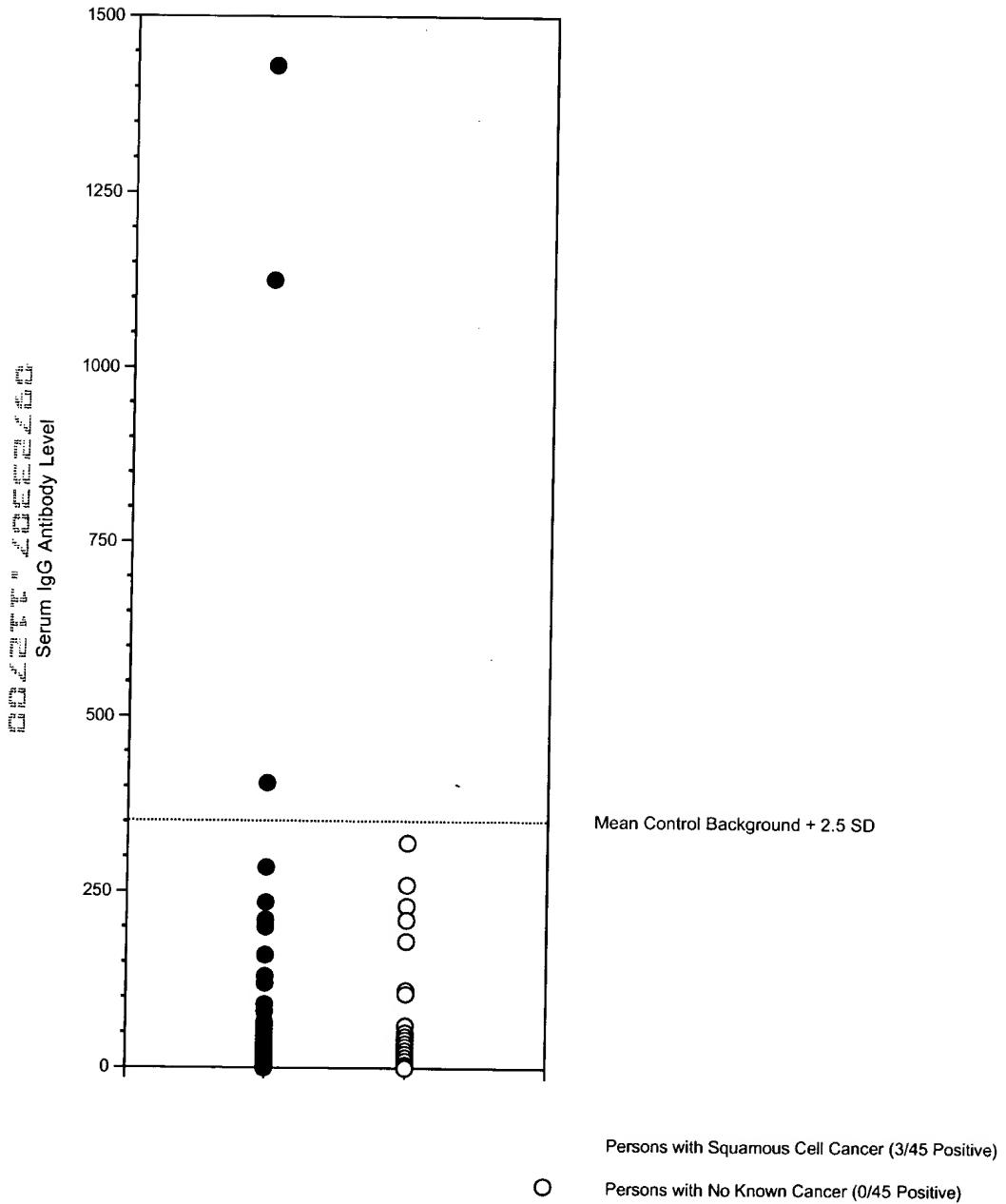


Figure 4: Screening Result Using TROP1 Peptide aemNgSk

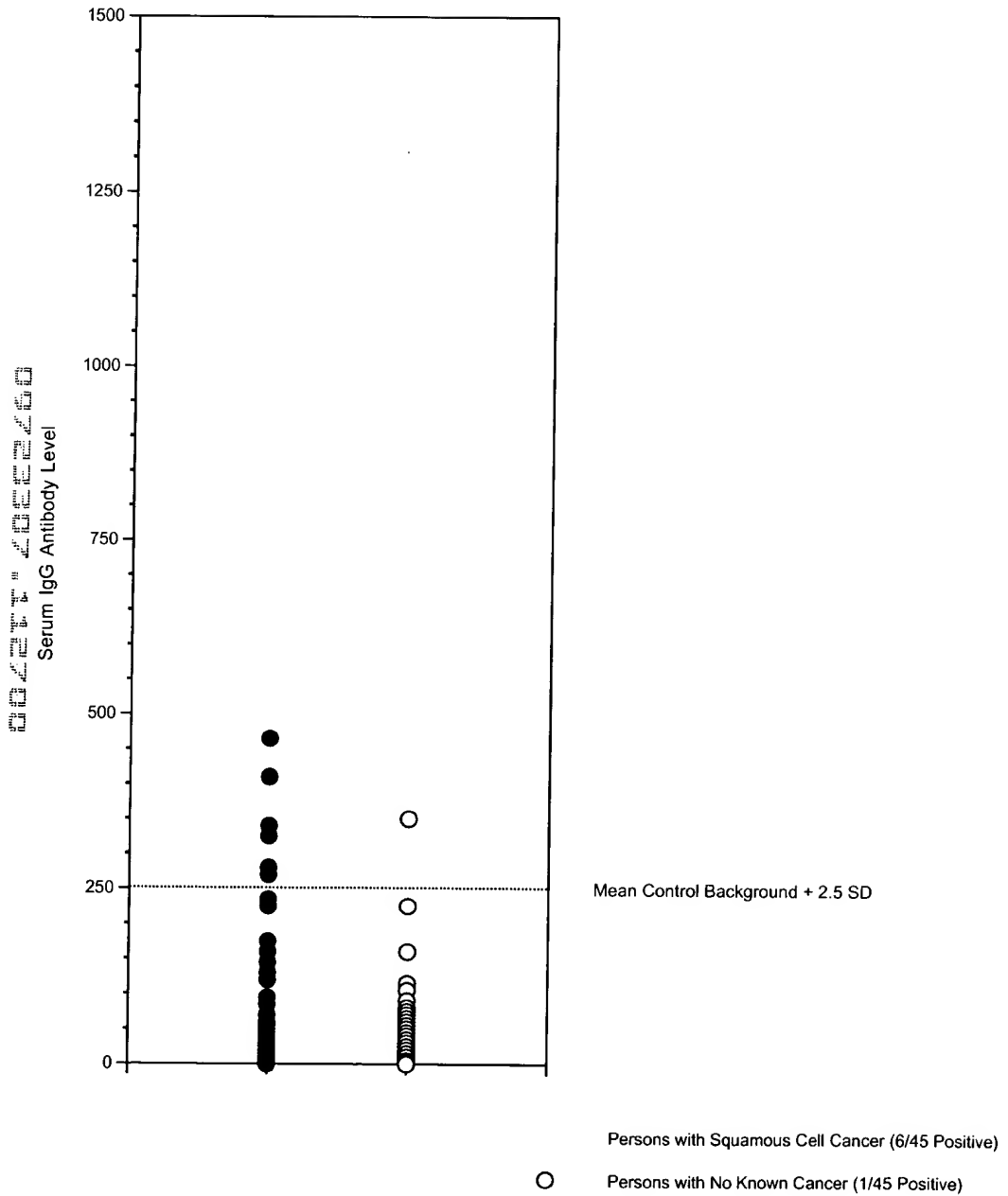


Figure 5: Serum Antibody Levels Obtained with 4 Biotinylated Peptides Used as Test Antigen

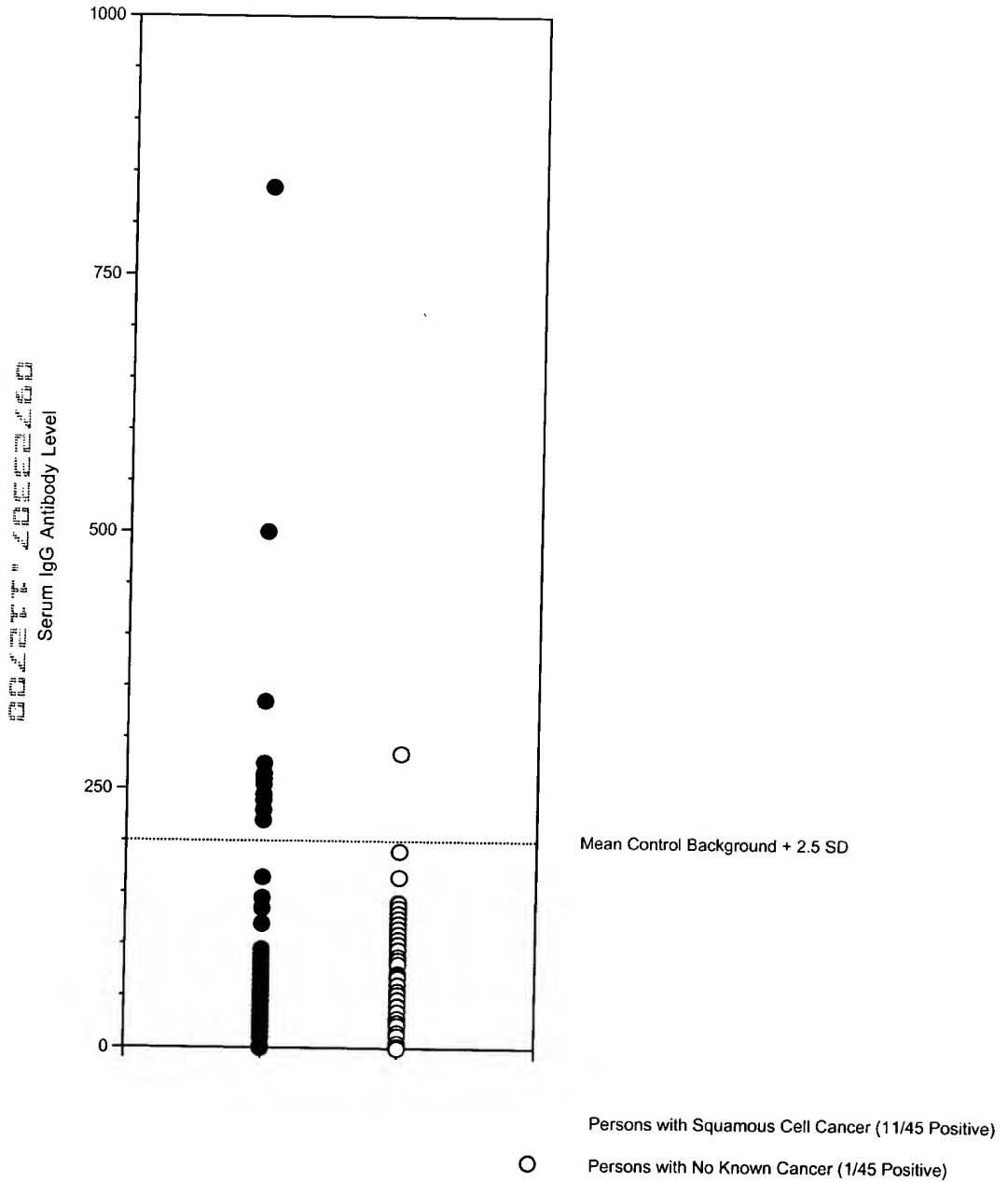
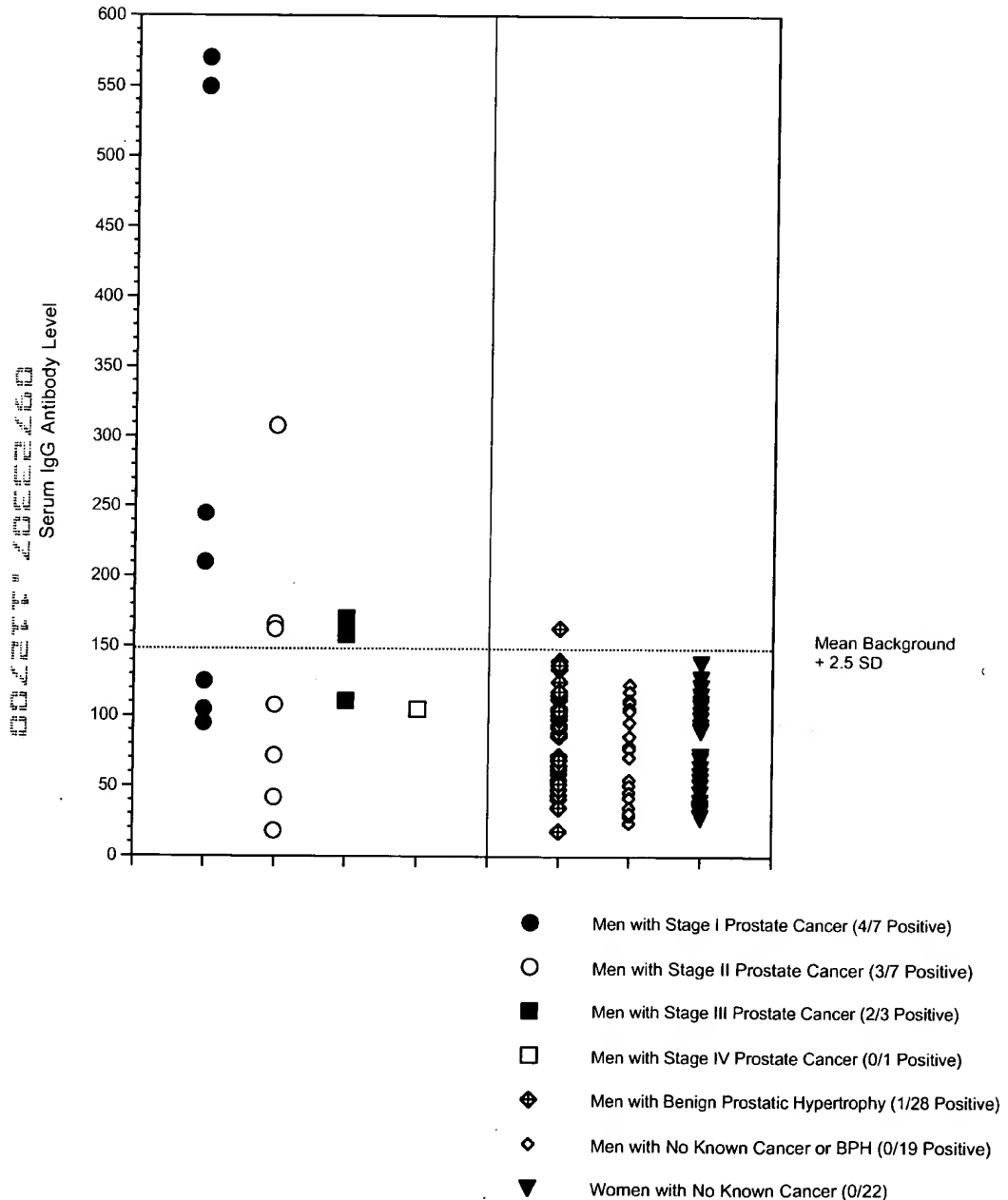


Figure 6: Serum Antibody Levels Obtained with 5 Biotinylated Peptides Used as Test Antigen



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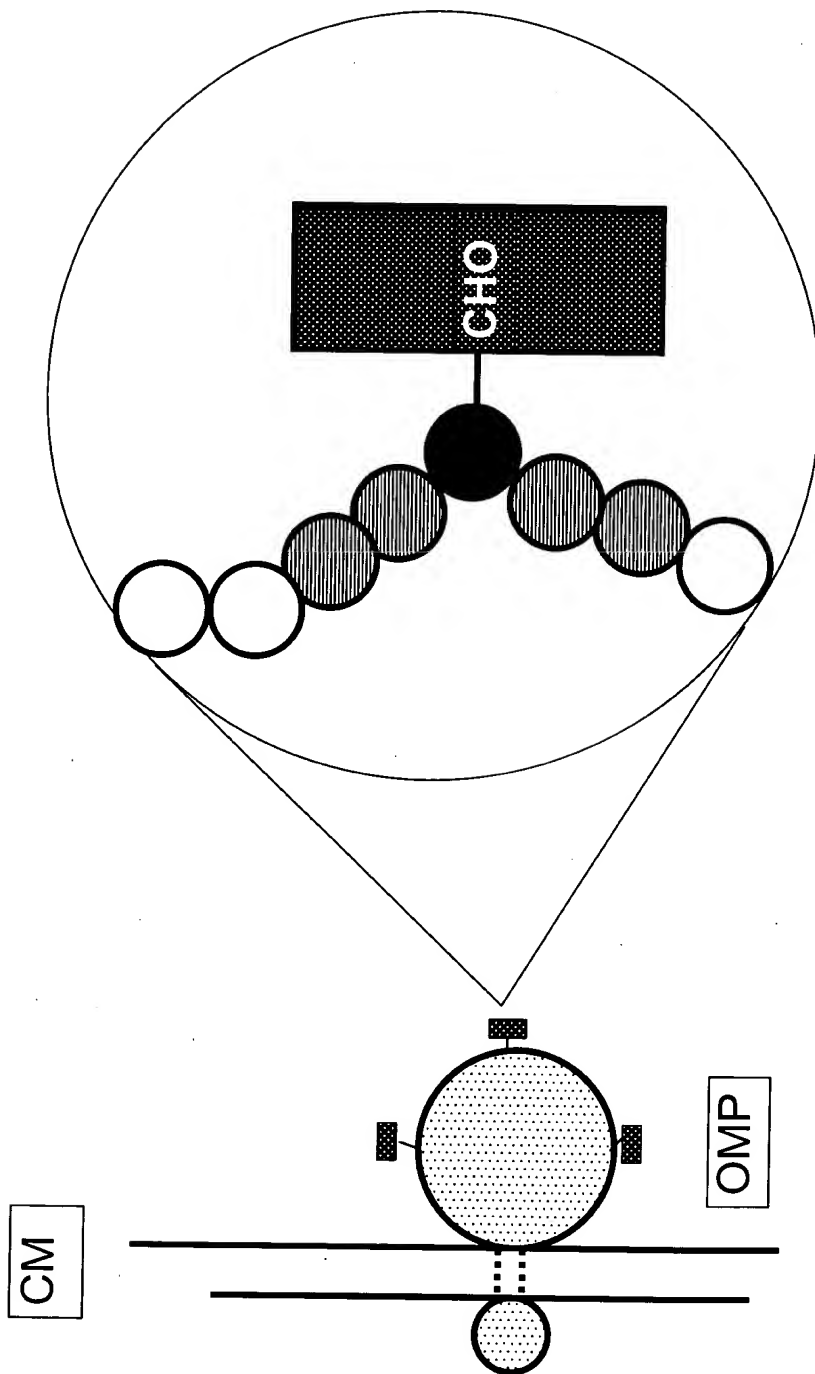


FIG. 7

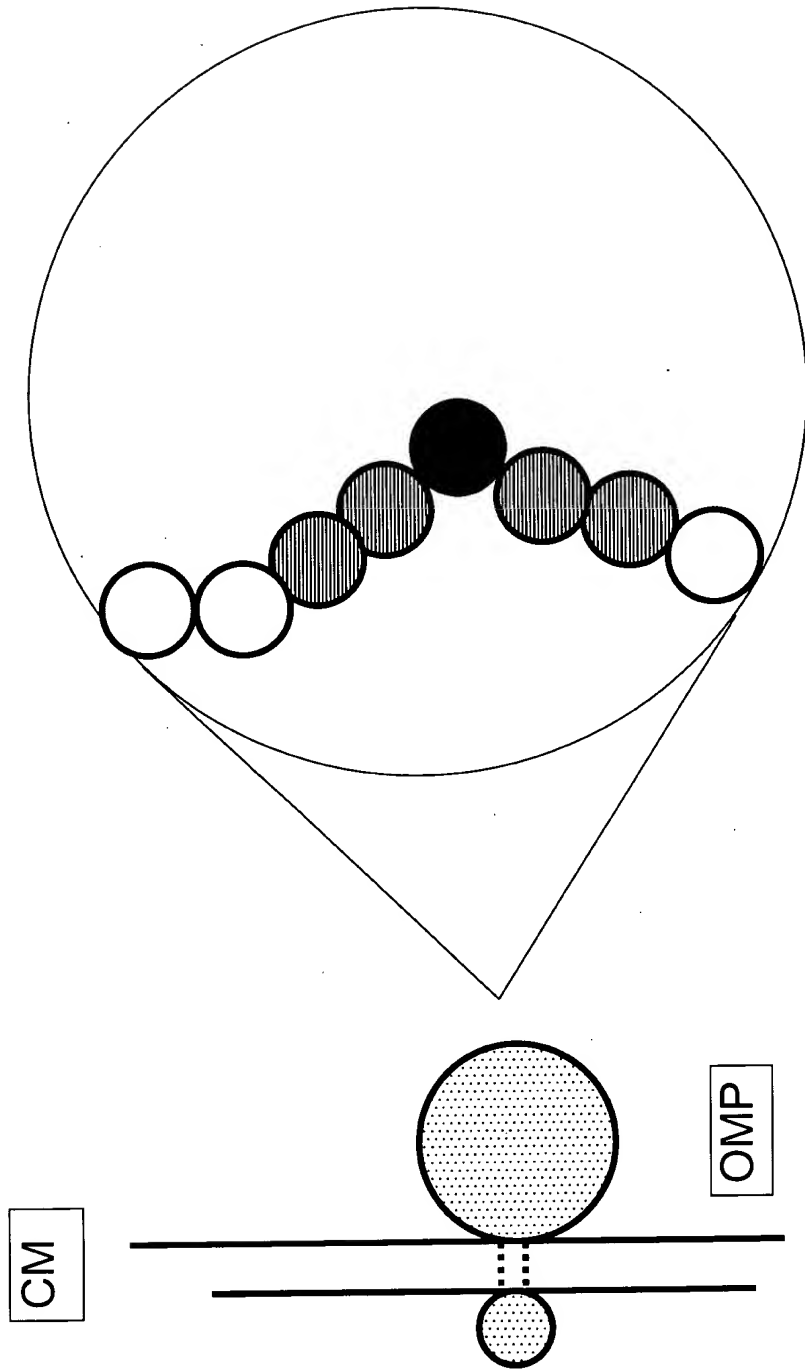


FIG. 8

1. *What is the purpose of the study?*
 2. *What are the research questions or hypotheses?*
 3. *What is the study design?*
 4. *What are the variables?*
 5. *What are the data sources?*
 6. *What are the data collection methods?*
 7. *What are the data analysis methods?*
 8. *What are the results?*
 9. *What are the conclusions?*
 10. *What are the limitations?*
 11. *What are the implications?*
 12. *What are the future research directions?*

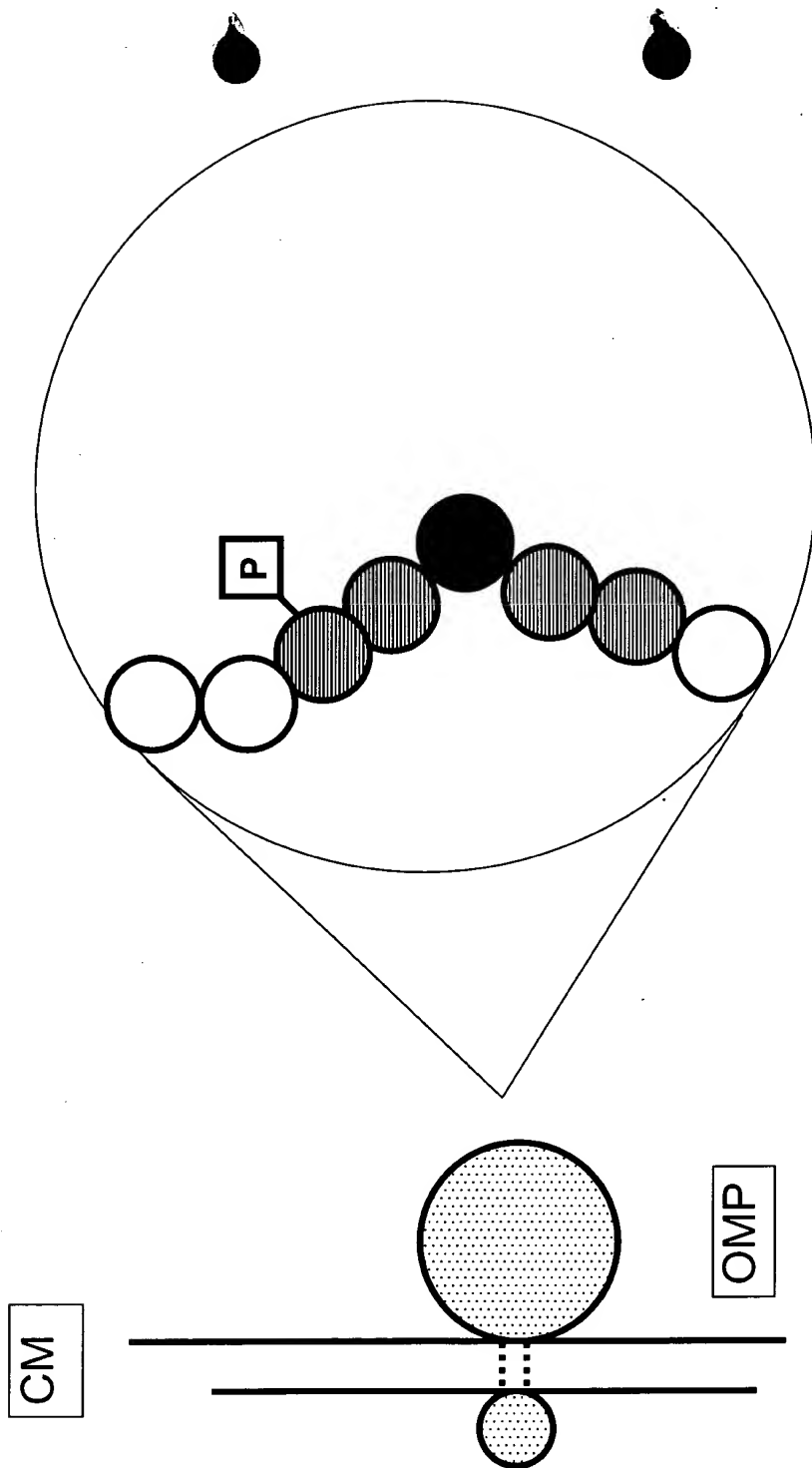


FIG. 9